

Title:

Continuous prodn. of hose - by extrusion moulding inner fluoro thermoplastic resins, plasma treating then extrusion moulding outer layer

Patent Assignee:

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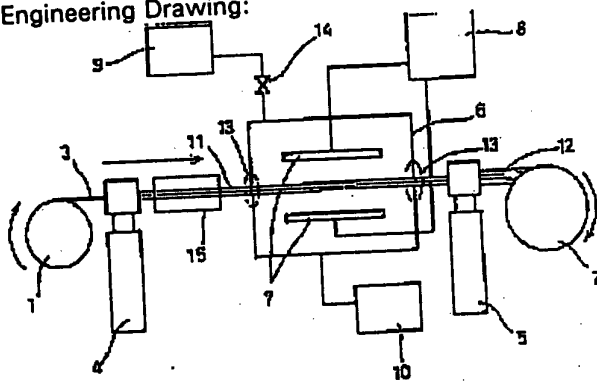
Abstract:

Abstract (Basic): JP06226810A

The method produces a hose of which the innermost layer is made from a fluoro-type thermoplastic resin. The innermost layer is continuously formed by extrusion moulding. The outer periphery of the innermost layer is continuously plasma-treated as pre-treatment for adhesion. An outer layer is continuously formed by extrusion moulding onto the outer periphery of the innermost layer. Examples of the fluoro-type thermoplastic resin include tetrafluoroethylene - ethylene copolymers, PVd polychlorotrifluoroethylene etc. For the other layers polyamide polyester etc. resins are useful. The plasma-treatment is carried out at 3kHz 3kV with a mix gas of He and CF₄ at a mix. ratio of 2/100 supplied at a flow rate of 500-1000 ml/min.

USE/ADVANTAGE - The hose is useful as motorcar fuel tubing. The prodn. is simple with high prodn. efficiency and is inexpensive. The fluoro-type thermoplastic resin plasma-treated has high bonding properties for other resins. The hose has high strengths.

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Clipped Images:**Engineering Drawing:**

Patent Family: If available, click on fulltext doclink to view the associated fulltext/image doc.

Fulltext Doclink	Cntry	Serial	Kind	Date	Week	Pages	Lang
	JP	06226810	A	19940816	199437	004	-
	JP	2900739	B2	19990602	199927	004	-

Priorities:

Country	Serial	Date	Type
JP	0017671	19930204	A

Application, Citations, Coding Information, Index Terms:

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